

STIC Biotechnology Systems Branch

RAW SEQUENCE LISTING **ERROR REPORT**

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 10/517,687
Source: IFW/b
Date Processed by STIC: 11/24/06

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

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- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,**
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY**

FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT MARK SPENCER, TELEPHONE: 571-272-2510; FAX: 571-273-0221

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 4.4.0 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

<http://www.uspto.gov/web/offices/pac/checker/chkrnote.htm>

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

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- 1. EFS-Bio (<<http://www.uspto.gov/ebc/efs/downloads/documents.htm>> , EFS Submission User Manual - ePAVE)**
- 2. U.S. Postal Service: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450**
- 3. Hand Carry, Federal Express, United Parcel Service, or other delivery service (EFFECTIVE 01/14/05):**
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Revised 01/10/06

see pp 5-6

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/517,687

DATE: 11/24/2006

TIME: 15:38:11

Input Set : A:\Patent In Seq Listing for Ser No 10-517687.txt

Output Set: N:\CRF4\11242006\J517687.raw

67 Ile Leu Gly Ala Arg Asp Tyr Lys
68 1 5
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72 <211> LENGTH: 8
73 <212> TYPE: PRT
74 <213> ORGANISM: Artificial Sequence
76 <220> FEATURE:
77 <223> OTHER INFORMATION: Synthetic Peptide
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82 1 5
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91 <223> OTHER INFORMATION: Synthetic Peptide
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95 Ile Leu Gly His Arg Ala Tyr Lys
96 1 5
99 <210> SEQ ID NO: 6
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110 <222> LOCATION: (4)..(4)
111 <223> OTHER INFORMATION: L-amino acid
113 <400> SEQUENCE: 6
115 Ile Leu Gly His Arg Ala Tyr Lys
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129 <221> NAME/KEY: MISC_FEATURE
130 <222> LOCATION: (5)..(5)
131 <223> OTHER INFORMATION: L-amino acid
133 <400> SEQUENCE: 7
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136 1 5
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142 <213> ORGANISM: Artificial Sequence
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145 <223> OTHER INFORMATION: Synthetic Peptide
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155 Ile Leu Gly His Arg Asp Tyr Lys
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204 1 5
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210 <213> ORGANISM: Artificial Sequence
212 <220> FEATURE:
213 <223> OTHER INFORMATION: Synthetic Peptide
215 <400> SEQUENCE: 12
217 Ile Leu Gly His Arg Asp Glu Lys

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240 <220> FEATURE:
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259 Ile Leu Gly His Lys Asp Tyr Lys
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263 <210> SEQ ID NO: 16
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265 <212> TYPE: PRT
266 <213> ORGANISM: Artificial Sequence
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269 <223> OTHER INFORMATION: Synthetic Peptide
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274 1 5
277 <210> SEQ ID NO: 17
278 <211> LENGTH: 7
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283 <223> OTHER INFORMATION: Synthetic Peptide
285 <400> SEQUENCE: 17
287 Ile Leu Gly His Arg Asp Tyr
288 1 5
291 <210> SEQ ID NO: 18
292 <211> LENGTH: 8
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RAW SEQUENCE LISTING

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Input Set : A:\Patent In Seq Listing for Ser No 10-517687.txt

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294 <213> ORGANISM: Artificial Sequence
 296 <220> FEATURE:
 297 <223> OTHER INFORMATION: Synthetic Peptide
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 301 Ile Leu Pro His Arg Asp Tyr Lys
 302 1 5
 305 <210> SEQ ID NO: 19
 306 <211> LENGTH: 7
 307 <212> TYPE: PRT
 308 <213> ORGANISM: Artificial Sequence
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 315 Ile Leu His Arg Asp Tyr Lys
 316 1 5
 319 <210> SEQ ID NO: 20
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 321 <212> TYPE: PRT
 322 <213> ORGANISM: Artificial Sequence
 324 <220> FEATURE:
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 329 Ile Leu Gly His Gln Asp Tyr Lys
 330 1 5
 333 <210> SEQ ID NO: 21
 334 <211> LENGTH: 8
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 336 <213> ORGANISM: Artificial Sequence
 338 <220> FEATURE:
 339 <223> OTHER INFORMATION: Synthetic Peptide
 341 <400> SEQUENCE: 21
 343 Ile Leu Gly His Arg Ser Tyr Lys
 344 1 5
 347 <210> SEQ ID NO: 22
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 349 <212> TYPE: PRT
 350 <213> ORGANISM: Artificial Sequence
 352 <220> FEATURE:
 353 <223> OTHER INFORMATION: Synthetic Peptide
 356 <220> FEATURE:
 357 <221> NAME/KEY: MISC_FEATURE
 358 <222> LOCATION: (8)..(8)
 359 <223> OTHER INFORMATION: x = (Amide)
 361 <400> SEQUENCE: 22
 W--> 363 Ile Leu Gly His Arg Asp Tyr Xaa
 364 1 5
 367 <210> SEQ ID NO: 23
 368 <211> LENGTH: 9
 369 <212> TYPE: PRT

Xaa can only represent a single
 amino
 acid,
 nothing
 else.
 (same end in sequence 23)

RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: US/10/517,687

DATE: 11/24/2006
TIME: 15:38:12

Input Set : A:\Patent In Seq Listing for Ser No 10-517687.txt
Output Set: N:\CRF4\11242006\J517687.raw

FYI
Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:22; Xaa Pos. 8
Seq#:23; Xaa Pos. 9
Seq#:26; Xaa Pos. 4
Seq#:27; Xaa Pos. 4
Seq#:28; Xaa Pos. 4
Seq#:30; Xaa Pos. 5,6,7
Seq#:31; Xaa Pos. 5,6,7,8
Seq#:32; Xaa Pos. 5

VERIFICATION SUMMARY

DATE: 11/24/2006

PATENT APPLICATION: US/10/517,687

TIME: 15:38:12

Input Set : A:\Patent In Seq Listing for Ser No 10-517687.txt

Output Set: N:\CRF4\11242006\J517687.raw

L:363 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:22 after pos.:0
L:383 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:23 after pos.:0
L:431 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:26 after pos.:0
L:451 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:27 after pos.:0
L:471 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:28 after pos.:0
L:505 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:30 after pos.:0
L:525 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:31 after pos.:0
L:545 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:32 after pos.:0